WCL Series | Clarifier & Oil/Water Separators

The mechanical oil/water separator systems are designed to remove free oils before discharging to your sanitary sewer. The oil/water separators will reduce the amount of suspended solids while removing hydrocarbons to meet local sanitary sewer discharge requirements.

The WCL Series offers the following features:

- *A choice between a 300-gallon or 600-gallon cone-shaped tank for effective settling and easy handling of heavy solids*
- *Solids separation chamber with bag filter and decanting*
- *Oil skimmer and decanter for easy handling of oil*
- *CSA approved control panel which meets the requirements of the US and Canadian standards for an Industrial Control Panel*
- *1.0 HP surface-mount sump pump*

WCL-30D-0M10

CSA listed NEMA-4 rated corrosion-proof control panel for safe and reliable operation (WCL-30D-0M10 only)

Ozone generator for a "quick kill" of live bacteria on contact (WCL-30D-0M10 only)

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Model Number	*Flow Rate*	*Clarifier Tank*	*Oil Coalescing Area*	*Power Requirements*	*Dimensions (LxWxH)*	*Ship Wt.*
WCL-10S-0M10 * +	0-10 GPM	300 gallons	48 sq. ft.	230V, 1Ø, 8.0A	48x67x97in.	641 lb.
WCL-30S-0M10 * +	0-30 GPM	600 gallons	73 sq. ft.	230V, 1Ø, 8.0A	63x75x106in.	725 lb.
WCL-30D-0M10 ^	0-30 GPM	600 gallons	425 sq. ft.	230V, 1Ø, 13.0A	63x75x106in.	980 lb.

** Float consists of 230V plug. +Control Panel not included. ^Ozone is included.*
Surface-mount sump pump included on all models.

Accessories:

Part Number	*Description*	*Fits Models*
855-0015	**Treated-water storage tank** - 80-gallons, for transferring water to the next process or point of discharge	All models
855-0016	**Treated-water storage tank** - 165-gallons, for transferring water to the next process or point of discharge	All models
RC-0005-0001	**Mezzanine stand** - For convenient access to the oil skimmer and the top portion of the tank	WCL-30 models

WCL Series | Process & Flow Description

McHenry PRESSURE CLEANING SYSTEMS

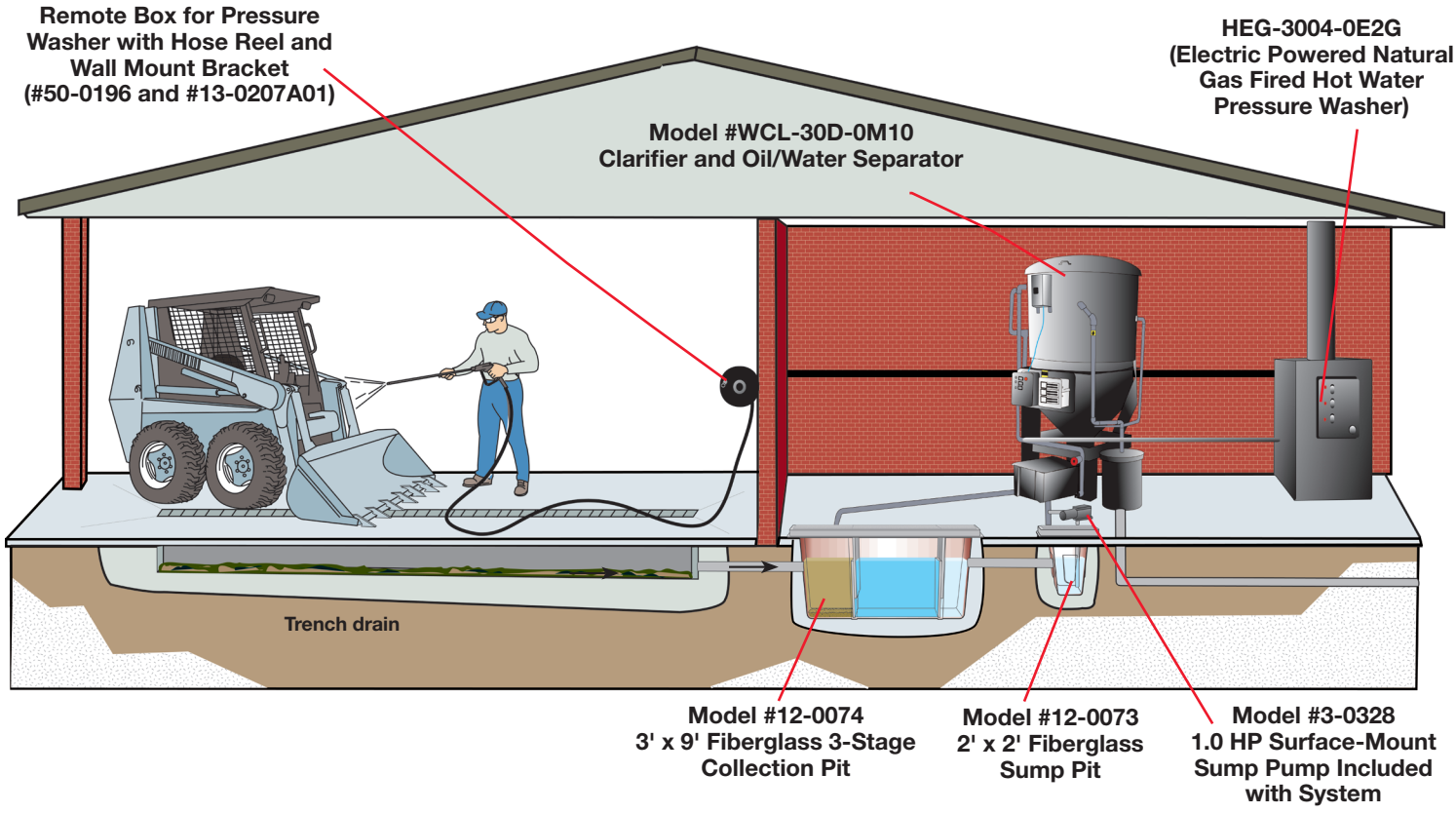
1. **Clarifier Tank -** A 300-gallon or 600-gallon cone-shaped clarifier settles solids. Free-floating oils are removed via a suspended oil skimmer. Model WCL-30D-0M10 has 425 sq. ft. of oil coalescing media to help capture mechanically emulsified oil.
2. **Electrical Control Panel -** CSA listed NEMA-4 rated corrosion-proof control panel for safe and reliable operation. (Standard on WCL-30D-0M10)
3. **Corona Discharge Ozone Injection -** For odor control and breaking emulsified oils, the WCL-30D-0M10 comes with a corona discharge ozone generator. The ozone generator has an output of 0.5 grams per hour of ozone for a "quick kill" of live bacteria on contact. Ozone also breaks up emulsified oils, allowing them to coalesce and float to the top of the tank for separation into the oil decanter.
4. **Treated-Water Holding Tank (Accessory #855-0015, 80-gallon capacity and #855-0016, 165-gallon capacity) -** Treated-water holding tank for transferring water to the next process or point of discharge.
5. **Solids Separation Chamber -** Solids from the wastewater stream settle at the base of the clarifier tank. With the opening of a single valve, solids are easily dropped into a bag filter in the solids separation chamber for effective capture and easy disposal. The bag filter is suspended on a dewatering tray with drainage returning to the in-ground collection pits.
6. **Surface-Mount Sump Pump -** Untreated wash water is introduced into the system via a 1.0 HP surface-mount sump pump, which is included with the system.
7. **Oil Decanter -** Oil skimmed from the surface of the clarifier tank is captured in a conveniently located oil decanter. Oil can be removed easily for appropriate disposal.
8. **Mezzanine Stand (Accessory #RC-0005-0001) -** A maintenance ladder and platform is available for the WCL-30 Series for convenient access to the oil skimmer and to the top portion of the tank.

WCL Series | Sample Equipment Wash Pad Application

McHenry PRESSURE CLEANING SYSTEMS

The WCL Series is perfect for the following applications:

- Rental Yards
- Golf Courses
- Heavy Equipment Dealers
- Trucking Facilities
- Military Bases
- Truck Rental Fleets
- Diesel Repair Facilities
- Forklift Washing Operations
- Aircraft Maintenance and Restoration
- Shipyards
- Municipalities/State DOTs
- Oil Fields
- Engine Rebuilders and Manufacturers



The Importance of a Proper Pit System

Once equipment is washed, the untreated wash water flows into your pit system. A proper pit system for your application is the first step in proper wash water treatment and a critical element in any wash water recycle system.

Consult your dealer to determine the pit system configuration that works best for your application.

Information on fiberglass pits is available in the Pit Systems Brochure.